<table>
<thead>
<tr>
<th>FALL</th>
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<tbody>
<tr>
<td><strong>ASM 115</strong> Fundamentals of ASM</td>
<td><strong>ASM 340</strong> Ag Technology Expo</td>
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<tr>
<td>3 credits</td>
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<tr>
<td><strong>ASM 125</strong> Fabrication &amp; Const Tech</td>
<td><strong>COMM 110 Fund of Public Speaking</strong></td>
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<tr>
<td>3 credits</td>
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<tr>
<td><strong>ENGL 110</strong> College Composition</td>
<td><strong>CSCI 114 or TL 116 Micro Physics Lab</strong></td>
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<tr>
<td>3 credits</td>
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<tr>
<td><strong>PAG 115 Intro to Precision Ag</strong></td>
<td><strong>ENGL 120 College Composition I</strong></td>
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<tr>
<td>3 credits</td>
<td>3 credits</td>
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<tr>
<td><strong>MATH 103</strong> Algebra</td>
<td><strong>HUMFINE ARTS</strong></td>
</tr>
<tr>
<td>3 credits (Elective)</td>
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<tr>
<td>Total Credits: 18 credits</td>
<td>Total Credits: 18 credits</td>
</tr>
</tbody>
</table>

**Potential Minors**

- Agribusiness Minor (18 credits)
  - ECON 201-3
  - 2 of the following (6 credits)
    - AGEC 242-3
    - AGEC 244-3
    - AGEC 246-3
  - ECON 203-3
  - 2 of the following (6 credits)
    - AGEC 303-3
    - ENGL 315-2
  - 3 credits of 300/400 level ECON
  - AND
  - 3 credits of 400 level ECON

- Economics Minor (16-19 credits)
  - ECON 201-3
  - ECON 202-3
  - ECON 341-3 or BUSN 487-4
  - ECON 343-3

- Crop & Weed Science Minor (18 credits)
  - PLSC 110-3
  - PLSC 225-3

- Ag Technology Expo (3 credits)
  - MATH 103 Algebra

- Precision Ag Minor (17 credits)
  - *Must include 1 of the following courses:
    - ANSC 306-3
    - ANSC 370-3
    - ANSC 314-3
    - ANSC 444-3
    - ANSC 323-3
    - ANSC 463-3
    - ANSC 324-3
    - ANSC 467-3
    - ANSC 340-3
    - ANSC 357-3
  - *If taken at ND, must be a 2.5 GPA or higher.

- Animal Science Minor (16 credits)
  - COMM 112-3
  - COMM 133-3
  - COMM 200-3

- Agricultural Comm Minor (21 credits)
  - COMM 245-3
  - COMM 362-3
  - COMM 306-3
  - COMM 375-3
  - COMM 313-3
  - COMM 456-3
  - COMM 313-3
  - COMM 470-3
  - COMM 330-3
  - COMM 485-3

- Free Electives - 8 credits required

**Notes**

- 120 minimum total credits required. The last 30 credits must be earned in residence at ND State.
- A minor may require more than 16 credits, therefore, select electives apply. Check with the minor department for current requirements/changes and assignment of a minor advisor.
- ASM students must maintain a 2.25 GPA in ASM courses.
- Students must register for an internship in ASM the semester it is being taken. This includes Career Center internships.
- As a student at ND State, it is your responsibility to know the requirements of your degree. To ensure all degree requirements are met, meet with your academic advisor regularly and follow your Academic Requirements Report found on Campus Connection. Required ASM courses are typically offered only once per year and all course offerings are subject to change.

**AGRICULTURAL SYSTEMS MANAGEMENT CURRICULUM GUIDE**

**Department of Agricultural and Biosystems Engineering - North Dakota State University**

**FALL 2023**

**Student:**

<table>
<thead>
<tr>
<th><strong>Course</strong></th>
<th><strong>Credit</strong></th>
<th><strong>Grade</strong></th>
<th><strong>Semester</strong></th>
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<tbody>
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<td><strong>ASM 115</strong> Fundamentals of ASM</td>
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<td><strong>ASM 125</strong> Fabrication &amp; Const Tech</td>
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<td><strong>COMM 220-3</strong></td>
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<td><strong>ENG 110</strong> College Composition</td>
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<tr>
<td><strong>HUMFINE ARTS</strong></td>
<td>3</td>
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</tbody>
</table>

**General Education Electives**

- **Program Electives**
  - Select courses in consultation with your advisor.
  - Program Electives - 3 credits required
- **Free Electives** - 8 credits required

**Potential Minors**

- **Agribusiness Minor (18 credits)**
- **Economics Minor (16-19 credits)**
- **Crop & Weed Science Minor (18 credits)**

**Notes**

- **Potential Minors**
  - Note: The ASM curriculum has the flexibility to double major or to major and double minor if you select courses appropriately.
  - Check with the minor department for current requirements/changes and assignment of a minor advisor.
  - Information on minors listed here was taken from the 2020/21 listings at http://bulletin.ndsu.edu/undergraduate/program-curriculum.
  - Minors in other disciplines are available.
  - Check minor requirements with the minor department no later than the beginning of the junior year. The minor department must certify completion of requirements before a minor will be recorded on the transcript.

**Agribusiness Minor (18 credits)**

- **ECON 201-3**
- 2 of the following (6 credits)
  - AGEC 242-3
  - AGEC 244-3
  - AGEC 246-3
- **ECON 203-3**
- 2 of the following (6 credits)
  - AGEC 303-3
  - ENGL 315-2
- **ECON 341-3 or BUSN 487-4**
- **ECON 343-3**

- **At least 9 add 1 cr.**
- **ECON 241 or any AGEC prefix course numbered 242 or higher (excluding AGEC 357 & AGEC 496)**

**Economics Minor (16-19 credits)**

- **ECON 201-3**
- **ECON 202-3**
- **ECON 341-3 or BUSN 487-4**
- **ECON 343-3**

**Crop & Weed Science Minor (18 credits)**

- **PLSC 110-3**
- **PLSC 225-3**

**Elective (Free)**

- **HUMFINE ARTS**

**Elective (Option)**

- **PAG 115-2**
- **PAG 215-3**
- **PAG 315-2**
- **PAG 455-3**
- **PAG 495-3**

**Precision Ag Minor (17 credits)**

- **ANSC 114-3**
- **ANSC 220-3**
- **ANSC 223-2**
- **ANSC 240-3**
- **ANSC 306-3**
- **ANSC 370-3**
- **ANSC 314-3**
- **ANSC 444-3**
- **ANSC 323-3**
- **ANSC 463-3**
- **ANSC 324-3**
- **ANSC 467-3**
- **ANSC 340-3**
- **ANSC 357-3**
- **ANSC 380-2**

**Animal Science Minor (16 credits)**

- **COMM 112-3**
- **COMM 133-3**
- **COMM 200-3**

**Agricultural Comm Minor (21 credits)**

- **COMM 245-3**
- **COMM 362-3**
- **COMM 306-3**
- **COMM 375-3**
- **COMM 313-3**
- **COMM 456-3**
- **COMM 313-3**
- **COMM 470-3**
- **COMM 330-3**
- **COMM 485-3**

**Courses already required for ASM major**

- Use this column to tally grades; use "T" for transfer courses and "IP" for courses currently in progress.
- Use this column to tally credits of 300/400 level courses required for graduation.
- First year students with a composite ACT ENGL sub-score of 18 should register for ENGL 120 (unless transfer credit for ENGL 120 is received). If ENGL 120 is completed with a grade of "C" or better, credits will be awarded for ENGL 110 with a passing grade. For more details on ND State's English Placement Process, go to http://english.ndsu.nodak.edu/assessment_guidelines_writing_courses/.
- Select course(s) from the following:
  - **PAG 115-2**
  - **PAG 215-3**
  - **PAG 315-2**
  - **PAG 455-3**

**Last Updated 02/15/2022**

https://bulletin.ndsu.edu/undergraduate/program-curriculum/precision-agriculture/#minortext